IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT SERIAL NO. Burrows et al. 10/562.091

FII FD

December 21, 2005

FOR

System and Method for Customized Training to

Understand Human Speech Correctly With a

Hearing Aid Device

ART UNIT EXAMINER

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

> Petition to Make Application When an Inventor Cannot Be Reached Under 37 C.F.R. § 1.47(a)

Sir:

It is respectfully requested that the United States Patent and Trademark Office ("USPTO") grant this Petition under 37 C.F.R. § 1.47(a), and accept the submission of the executed declarations of the joint inventors John Cronin, Nancy Edwards, Justin Kunz and John Anthony Singarayar with the payment of the \$130 surcharge, as being responsive to the Notification of Missing Requirements under 35 U.S.C. § 371 ("Notice") received in the subject application. The remaining joint inventor, Mark Burrows, could not be found after diligent efforts were made to locate Mr. Burrows, as set forth in the attached Declaration of Courtney Lightfoot ("Declaration").

Referring to the Declaration, Ms. Lightfoot, an employee at ipCapital Group, Inc. ("ipCapital"), where Mark Burrows had been an employee until July 2, 2004, in response to requests by the undersigned attorney, attempted to locate Mr. Burrows and have Mr. Burrows execute a declaration for the subject

application. (Declaration, paragraphs 1 and 2).

On June 22, 2007, Ms. Lightfoot sent a package, via overnight courier, addressed to Mr. Mark Burrows at 127 Liberty Drive, Newtown, Pennsylvania 18940. (Declaration, paragraph 3). This address is the last known address for Mr. Burrows, as listed in the human resource records of ipCapital. (*Id.*). The package contained a declaration and power of attorney for the above-identified application and a cover letter instructing Mr. Burrows to execute the enclosed declaration. (*Id.*)

On June 25, 2007, Ms. Lightfoot accessed the courier's online package delivery status information and found that the package could not be delivered because the address was incorrect. Copies of the shipping label for the package and the delivery tracking information are attached as Exhibit A to the Declaration. (Declaration, paragraph 4).

In addition, on June 22, 2007, Ms. Lightfoot attempted to contact Mr. Burrows at his last known telephone number as listed in the human resource records of ipCapital. (Declaration, paragraph 5). After Ms. Lighfoot dialed the number, a recorded message stated that the number had been disconnected. (Id.).

Also on June 22, 2007, Ms. Lightfoot attempted to locate Mr. Burrows by conducting electronic searches on the Internet. First, Ms. Lightfoot searched the Google website for Mark Burrows, reviewing the search results for any references to "ipCapital" and "patents." (Declaration, paragraph 6). The search results, however, did not reveal a "Mark Burrows" with such descriptive

information. (*Id.*) Further on June 22, 2007, Ms. Lightfoot searched the White Pages website for Mark Burrows, once again reviewing the search results for references to "ipCapital" and "patents." (Declaration, paragraph 7). Of the search hits, one search hit listed a "Mark Burrows" having the same address as the last known address for Mr. Burrows listed in the human resource records of ipCapital. (*Id.*)

Thus, it is respectfully submitted that a diligent effort was made to locate Mr. Burrows, and that despite such effort, Mr. Burrows could not be located. Accordingly, the USPTO should grant this petition under 37 C.F.R. § 1.47(a) and accepted the enclosed, executed declarations of all of the inventors except Mr. Burrows, with the surcharge fee, as satisfying the requirements of the Notice. The Examiner is invited to telephone the undersigned if it is believed that further discussion would help to advance the prosecution of the present application.

Respectfully submitted,

Davy E. Zoneraich / Registration Number 37,267

NORRIS, McLAUGHLIN & MARCUS

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E-Mail: ipdept@nmmlaw.com

Attorney Docket No: 103164-010US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT SERIAL NO. Burrows et al. 10/562,091

CUSTOMER NO.

23526

FILED

December 21, 2005

FOR

System and Method for Customized Training to Understand Human Speech Correctly With a

Hearing Aid Device

ART UNIT

EXAMINER

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

Declaration of Courtney Lightfoot in Support of Petition under 37 C.F.R. § 1.47(a)

I, the undersigned declarant, hereby state as follows:

- I am employed by the ipCapital Group, Inc. ("ipCapital") and an Executive Assistant to John Cronin at ipCapital
 - 2. Mark Burrows had been an employee of ipCapital until July 7, 2004.
- 3. On June 22, 2007, I sent a package, via overnight courier, addressed to Mr. Mark Burrows, 127 Liberty Drive, Newtown, Pennsylvania 18940. The address to which the package was sent is the last known address for Mr. Burrows listed in the human resource records of ipCapital. The package contained a cover letter instructing Mr. Burrows to execute a Declaration and Power of Attorney ("Declaration") for the above-identified application, which Declaration also was enclosed in the package.
- On June 25, 2007, I accessed the courier's online package delivery status information and found that the package could not be delivered because

the address was incorrect. Copies of the shipping label for the package and the delivery tracking information are attached as Exhibit A.

- Also, on June 22, 2007, I attempted to contact Mr. Burrows at his last known telephone number listed in the human resource records of ipCapital.
 When I dialed the number, a recorded message stated that the number had been disconnected.
- 6. Further on June 22, 2007, I conducted an internet search on the Google website for Mark Burrows and reviewed the search results for any references to "ipCapital" and "patents." The search results did not reveal a "Mark Burrows" with such descriptive information.
- 7. Also on June 22, 2007, I conducted an internet search on the White Pages website for Mark Burrows and reviewed the search results for references to "ipCapital" and "patents". One of the search hits listed a "Mark Burrows" having the same address as the last known address for Mr. Burrows listed in the human resource records of ipCapital.

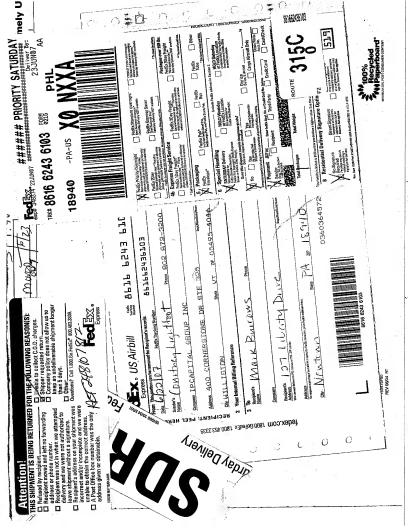
CONCLUSION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of this application or of any patent issuing thereon.

Dated: June 28,2007

Courtney Lightfoot

EXHIBIT A





TrackingUpdates@fedex.com

To undisclosed-recipients::

cc

bec

06/25/2007 12:38 PM

Subject Online FedEx Tracking - 861662436103

This tracking update has been requested by:

Name: Courtney Lightfoot

E-mail: clightfoot@ipcg.com

Message: Davy,

Here are the Fed Ex tracking results as of today. The envelope will be sent back to me since it could not be delivered. Any questions, let me know. -Courtney

Tracking number 861662436103

Ship date

Jun 22, 2007 Priority Envelope

Location/Activity

Tracking results as of Jun 25, 2007 11:36 AM CST

Date/Time

Service type

BRISTOL, PA/At local FedEx facility BRISTOL, PA/Delivery exception BRISTOL, PA/On FedEx vehicle for delivery Jun 23, 2007 12:26 PM 9:39 AM 8:28 AM BRISTOL, PA/At local FedEx facility 8:13 AM PHILADELPHIA, PA/At dest sort facility MEMPHIS, TN/Apparted FedEx location MEMPHIS, TN/Arrived at FedEx location WILLISTON, VT/Left origin WILLISTON, VT/Picked up 7:07 AM 4:10 AM

Jun 22, 2007 11:21 PM

7:40 PM 6:37 PM

Disclaimer

This tracking update has been sent to you by FedEx on the behalf of the Requestor noted above. FedEx does not validate the authenticity of the request and does not validate, guarantee or warrant the authenticity of the request, the requestor's message, or the accuracy of this tracking update. For tracking results and fedex.com's terms of use, go to fedex.com.

MRIGIN ID: NXXA (800) 463-3339

EDEX 60 RITTENHOUSE CIRCLE

RISTOL, PA 19887 RETURNS

Small

SHIP DATE: 26JUND7 1/1 SYSTEM #399643 / CAFE2330 ACCOUNT #: 114227803 ACTUAL WGT: 1.0 LBS MAN-WGT FedEXX.

7084 7590 7329

IP CAPITAL GROUP INC 400 CORNERSTONE DR STE 325 WILLISTON, VT 05495

EXPRESS SAVER REF: 861662436103/AG 7084 7590 7329

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Deliver by: 29JUN07 APA

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The World On Time

Express

From the INTERNATIONAL SEARCHING AUTHORITY DAVY E. ZONERAICH NORRIS, MCLAUGHLIN & MARCUS, P. A. P.O.BOX 1018 NOTIFICATION OF TRANSMITTAL OF SOMERVILLE, NJ 08876-1018 THE INTERNATIONAL SEARCH REPORT OR THE DECLARATION (PCT Rule 44.1) Date of Mailing (day/month/year) 16 NOV 2004 Applicant's or agent's file reference 103164-010WO FOR FURTHER ACTION See paragraphs 1 and 4 below International application No. International filing date PCT/US04/20387 (day/month/year) 24 June 2004 (24.06.2004) JOHNSON & JOHNSON CONSUMER COMPANIES, INC. The applicant is hereby notified that the international search report has been established and is transmitted herewith. Filing of amendments and statement under Article 19: The applicant is entitled, if he so wishes, to amend the claims of the international application (see Rule 46): When? The time limit for filing such amendments is normally two months from the date of transmittal of the international search report. Where? Directly to the International Bureau of WIPO, 34, chemin des Colombettes 1211 Geneva 20, Switzerland, Facsimile No.: (41-22) 740.14.35 For more detailed instructions, see the notes on the accompanying sheet. The applicant is hereby notified that no international search report will be established and that the declaration under Article 17(2)(a) to that effect is transmitted herewith. With regard to the protest against payment of (an) additional fee(s) under Rule 40.2, the applicant is notified that: the protest together with the decision thereon has been transmitted to the International Bureau together with the applicant's request to forward the texts of both the protest and the decision thereon to the designated Offices. no decision has been made yet on the protest; the applicant will be notified as soon as a decision is made. Reminders Shortly after 18 months from the priority date, the international application will be published by the International Bureau. If the applicant wishes to avoid or postpone publication, a notice of withdrawal of the international application, or of the priority claim, must reach the International Bureau as provided in Rules 90 bis.1 and 90 bis.3, respectively, before the completion of the technical preparations for international publication. Within 19 months from the priority date, but only in respect of some designated Offices, a demand for international preliminary examination must be filed if the applicant wishes to postpone the entry into the national phase until 30 months from the priority date (in some Offices even later); otherwise the applicant must, within 20 months from the priority date, perform the prescribed acts for entry into the national phase before those designated Offices. In respect of other designated Offices, the time limit of 30 months (or later) will apply even if no demand is filed within 19 months.

See the Annex to Form PCT/IB/301 and, for details about the applicable time limits, Office by Office, see the PCT Applican's Guide, Volume II, National Chapters and the WIPO Internet site.

Mail Stop PCT, Ann: ISA/US	Authorized office	0/1	_
Commissioner for Patents	Brian Szmal	Sheila H. Venter	ue
P.O. Box 1450	Brian Szmai	Paralogal Specialist	
Alexandria, Virginia 22313-1450 Facsimile No. (703) 305-3230	Telephone No. (703) 308-085Bech. Center 3700	
Form PCT/ISA/720 (April 2002)			

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 103164-010WO	FOR FURTHER ACTION	Report (F	see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below. //year/ 24 June 2003 (24.06.2003)		
International application No. PCT/US04/20387	International filing date (day/mon 24 June 2004 (24.06.2004)	th/year)			
Applicant JOHNSON & JOHNSON CONSUMER (COMPANIES, INC.				
It copy is bein	g causingted to the international I	arching Au Bureau.	tthority and is transmitted to the applicant		
This international search report consists It is also accompanies	of a total of 2 sheets. d by a copy of each prior art docur	ment cited	in this report.		
Basis of the Report With regard to the language, language in which it was filed.	the international search was carried , unless otherwise indicated under th	out on the b	pasis of the international application in the		
the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).					
 With regard to any nucleotide search was carried out on the I 	and/or amino acid sequence discle basis of the sequence listing:	sed in the i	nternational application, the international		
	contained in the international application in written form.				
filed together with the intern	filed together with the international application in computer readable form.				
	furnished subsequently to this Authority in written form.				
	furnished subsequently to this Authority in computer readable form.				
	mently furnished written sequence li-		ot go beyond the disclosure in the		
	the statement that the information recorded in computer readable form is identical to the written sequence listing bec				
. Certain claims were found	unsearchable (See Box i).				
Unity of invention is lacking	Unity of invention is lacking (See Box II).				
K 2	With regard to the title,				
	the text is approved as submitted by the applicant,				
the text has been established	by this Authority to read as follows:				
With regard to the abstract,					
the text is approved as submi	the text is approved as submitted by the applicant.				
the text has been established, within one month from the da	according to Rule 38.2(b), by this a ate of mailing of this international se	Authority as	it appears in Box III. The applicant may, submit comments to this Authority.		
The figure of the drawings to be publ			,		
as suggested by the applicant.			None of the figures		
because the applicant failed to	suggest a figure.		L react of the rightes		
because this figure better cha					
m PCT/ISA/210 (first sheet) (July 1998)					

INTERNATIONAL SEARCH REPORT

International application No.

Relevant to claim No.

1-15

1-15

PCT/US04/20387

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) AGIB 5600

DOCUMENTS CONSIDERED TO BE RELEVANT

IPC(7) : A61B 5/00 US CL : 600/559

document.

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Category *

A, E

Α

Minimum documentation searched (classification system followed by classification symbols)
U.S.: 600/559; 434/332; 381/314, 68, 68.2, 68.4; 704/208, 207, 219, 233, 224, 230, 266, 263, 236, 209

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
WEST: hearing loss, amplification factor, map, hearing loss profile, word database, word list, amplification, train, training

Citation of document, with indication, where appropriate, of the relevant passages

US 5,933,801 A (FINK et al) 03 August 1999 (03.08.1999), see whole document,

US 2001/0041330 A1 (BROWN et al) 15 November 2001 (15.11.2001), see whole

US 2004/0136555 A1 (ENZMANN) 15 July 2004 (15.07.2004), see whole document.

Further documents are listed in the continuation of Box C.	See patent family annex.				
Special categories of cited documents:	"I" later document published after the international filing date or priority				
"A" document defining the general state of the art which is not considered to be of particular relevance	date and not in conflict with the application but cited to understand the principle or theory underlying the invention				
"E" earlier application or patent published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone				
establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is				
"O" document referring to an oral disclosure, use, exhibition or other means	combined with one or more other such documents, such combination being obvious to a person skilled in the art				
"P" document published prior to the international filing date but later than the priority date claimed	"&" document member of the same patent family				
Date of the actual completion of the international search	Date of mailing of the international search report				
22 September 2004 (22.09.2004)	, D IAO A 5004				
Name and mailing address of the ISA/US	Authorized officer				
Mail Stop PCT, Aun: ISA/US Commissioner for Parents	Brian Symal Spaigh 4 Deaug				
P.O. Box 1450	Contagt 5: Vener				
Alexandria, Virginia 22313-1450	Telephone No. (703) 308-0858 Paralegal Specialist Tech. Center 3700				
Facsimile No. (703) 305-3230	Tecli. Center 3700				
Form PCT/ISA/210 (second sheet) (July 1998)					

INTERNATIONAL SEARCHING AUTHORITY To: DAVY E. ZONERAICH NORRIS, MCLAUGHLIN & MARCUS, P. A. P.O.BOX 1018 SOMERVILLE, NJ 08876-1018

WRITTEN OPINION OF THE

50WERTIEE, 147 06870-1018		INTERNATIONAL SEARCHING AUTHORITY				
		INTERNATI	ONAL SEARCHI	NG AUTHORITY		
		(PCT Rule 43bis. I)				
		Date of mailing (day/month/year) 1 6 NOV 2004				
Applicant's or agent's file reference		(day/month/year) FOR FURTHER	ACTION ACTION	2004		
103164-010WO			See paragraph 2 below	,		
International application No. International filing date		(day/month/year)	Priority date (day/mo	unth/mage)		
PCT/US04/20387 24 June 2004 (24						
International Patent Classification (IPC)	or both national classificat	tion and IPC	24 June 2003 (24.06.	2003)		
IPC(7): A61B 5/00 and US CL: 600/55 Applicant	9					
1						
JOHNSON & JOHNSON CONSUMER	COMPANIES, INC.	**				
1. This opinion contains indications re-	lating to the following item	s:				
Box No. I Basis of the	opinion					
Box No. II Priority						
Box No. III Non-establi	shment of opinion with reg	gard to novelty, inventive step and industrial applicability				
1 1	ty of invention	and industrial approaching				
Box No. V Reasoned st applicability	Reasoned statement under Rule 43bts, I(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement					
1 1	uments cited	as supporting such statement				
Box No. VII Certain defe	cts in the international app	plication				
Box No. VIII Certain obse	ervations on the internation	ional application				
2. FURTHER ACTION						
If a demand for international prelim International Preliminary Examining Authority other than this one to be d that written opinions of this Internation	to IPEA and the chosen IP	EA has notified the	ot apply where the a			
If this opinion is, as provided above IPEA a written reply together, who mailing of Form PCT/ISA/220 or be: For further options, see Form PCT/IS	fore the expiration of 22 m					
3. For further details, see notes to Form	PCT/ISA/220,					
ame and mailing address of the ISA/ US		Authorized officer	7	0011		
Commissioner for Patents P.O. Box 1450	PO Pay 1460					
Alexandria, Virginia 22313-1450 acsimile No. (703) 305-3230		Telephone No. (70)		al Specialist Center 3700		
rm PCT/ISA/237 (cover sheet) (January	2004)	-				

WRITTEN OPIN, IN OF THE INTERNATIONAL SEARCHING AUTHORITY

Internation. iplication No.

PCT/US04/20387

nox rec. 1 masts of this opinion
 With regard to the language, this opinion has been established on the basis of the international application in the language in wh it was filed, unless otherwise indicated under this item.
This opinion has been established on the basis of a translation from the original language into the following language which is the language of a translation furnished for the purposes of international search (under Rules 12.3 and 23.1(b)).
With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed invention, this opinion has been established on the basis of:
a. type of material
a sequence listing
table(s) related to the sequence listing
b. format of material
in written format
in computer readable form
c. time of filing/furnishing
contained in international application as filed.
filed together with the international application in computer readable form.
furnished subsequently to this Authority for the purposes of search.
3. In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that he information in the subsequent or additional copies is identical to that in the application as fitted or does not go beyond the application as filed, as appropriate, were fremished.
4. Additional comments:
OUM PCT/ISA/237/Roy No. D./January 2004)

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No. PCT/US04/20387

NO

Box No. V Reasoned statement under Rule 43 bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement 1. Statement Novelty (N) Claims 1-15 YES Claims NONE NO Inventive step (IS) Claims 1-15 YES Claims NONE NO Industrial applicability (IA) Claims 1-15 YES

2. Citations and explanations:

Claims 1-15 meet the criteria set out in PCT Article 33(2)-(3), because the prior art does not teach or fairly suggest the training unit can be accessed to generate a sound output constituting a normal version of the content and a modified version of the content annylified by the overspooning amplification factor, as claimed in Claims 1, 3, 12 and 14; and the respective pairs of the training units are stored on the modil such that a normal version and a modified version of the word included in a pair of the training units can be generated as a sound output, as claimed in Chaim 7.

Claims NONE

Claims 1-15 meet the criteria set out in PCT Article 33(4), and thus have industrial applicability because the subject matter claimed can be made or used in industry.

NOTES TO FORM PCT/ISA/220 (continued)

The letter must indicate the differences between the claims as filed and the claims as amended. It must, in particular, indicate, in connection with each claim appearing in the international application (it being understood that identical indications concerning several claims may be grouped), whether

- (i) the claim is unchanged;
- (ii) the claim is cancelled;
- (iii) the claim is new;
- (iv) the claim replaces one or more claims as filed:
- (v) the claim is the result of the division of a claim as filed.

The following examples illustrate the manner in which amendments must be explained in the accompanying letter:

- [Where originally there were 48 claims and after amendment of some claims there are 51]: "Claims 1 to 29, 31, 32, 34, 35, 37 to 48 replaced by amended claims bearing the same numbers; claims 30, 33 and 36 unchanged; new claims 49 to 51 added."
- 2 [Where originally there were 15 claims and after amendment of all claims there are 11]: "Claims 1 to 15 replaced by amended claims 1 to 11."
- [Where originally there were 14 claims and the amendments consist in cancelling some claims and in adding new claims]:
 "Claims 1 to 6 and 14 unchanged; claims 7 to 13 cancelled; new claims 15, 16 and 17 added." or
 - "Claims 7 to 13 cancelled; new claims 15, 16 and 17 added;" of "Claims 7 to 13 cancelled; new claims 15, 16 and 17 added;" of
- (Where various kinds of amendments are made):
- *Claims 1-10 unchanged; claims 11 to 13, 18 and 19 cancelled; claims 14, 15 and 16 replaced by amended claim 14; claim 17 subdivided into amended claims 15, 16 and 17; new claims 20 and 21 added."

"Statement under Article 19(1)" (Rule 46.4)

The amendments may be accompanied by a statement explaining the amendments and indicating any impact that such amendments might have on the description and the drawings (which cannot be amended under Article [91]).

The statement will be published with the international application and the amended claims.

It must be in the language in which the international application is to be published.

It must be brief, not exceeding 500 words if in English or if translated into English

It should not be confused with and does not replace the letter indicating the differences between the claims as filed and as amended. It must be filed on a separate sheet and must be identified as such by a heading, preferably by using the words "Statement under Article 19(1)."

It may not contain any disparaging comments on the international search report or the relevance of citations contained in that report. Reference to citations, relevant to a given claim, contained in the international search report may be made only in connection with an amendment of that claim.

Consequence if a demand for international preliminary examination has already been filed

If, at the time of filing any amendments and any accompanying statement, under Article 19, a demand for international perluminary examination has already been submitted, the applicant must preferably, at the time of filing the amendments (and any statement) with the International Bureau, also file with the International Preliminary Examining Authority or copy of such amendments (and of any statement and where required, a translation of such amendments for one of the procedure before that Authority (see Rules S.3.(a) and 6.2.c, first sentence). For further information, see the Notes to the demand form (FCTPPEA/401).

Consequence with regard to translation of the international application for entry into the national phase

The applicant's attention is drawn to the fact that, upon entry into the national phase, a translation of the claims as amended under Article 19 may have to be furnished to the designated/elected Offices, instead of, or in addition to, the translation of the claims as filed.

For further details on the requirements of each designated/elected Office, see the PCT Applicant's Guide, Volume II.